

## ABSTRACT

A process is disclosed for regenerating a hydrocarbon conversion catalyst comprising zeolite L with ozone. The catalyst is contacted with ozone at a temperature of from about 20 to about 250°C and a concentration of ozone of from about 0.1 to about 5 mol-%. The catalyst may contain coke. The process at least partially restores the activity of the catalyst. The process is particularly useful for reforming and dehydrocyclodimerization catalysts.